

# Comparisons of Job Characteristics

**Focus Occupation:** [First-Line Supervisors of Mechanics, Installers, and Repairers \(49-1011\)](#)

**Associated Occupation:** [Elevator Installers and Repairers \(47-4021\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 63

**Focus Occupation:** First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

**Associated Occupation:** Elevator Installers and Repairers (47-4021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	21.3	19.8	0 Current knowledge level may be sufficient
Building and Construction	4.0	17.7	9.3	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	17.4	15.9	0 Current knowledge level may be sufficient
Design	5.2	13.5	9.1	<< Extensive education and/or training may be required
Public Safety and Security	6.9	12.9	8.9	<< Extensive education and/or training may be required
Physics	4.3	11.6	6.7	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 15

**Focus Occupation:** First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

**Associated Occupation:** Elevator Installers and Repairers (47-4021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Repairing	3.4	13.0	10.0	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	12.9	10.4	< A higher skill level may be required
Equipment Maintenance	3.5	12.2	10.1	< A higher skill level may be required
Operation Monitoring	6.6	11.4	10.1	< A higher skill level may be required
Quality Control Analysis	5.9	11.2	11.6	0 Current skill level may be sufficient

Equipment Selection	3.3	10.8	7.5	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	10.0	8.5	<	A higher skill level may be required
Installation	1.7	9.2	3.4	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 72			
Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Elevator Installers and Repairers (47-4021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	11.0	8.7	<	Some improvement in abilities may be required
Finger Dexterity	7.6	10.3	9.2	<	Some improvement in abilities may be required
Manual Dexterity	6.5	10.3	7.7	<<	Extensive improvement in abilities may be required
Visualization	7.5	10.2	10.4	0	Current ability level may be sufficient
Extent Flexibility	4.8	10.1	5.3	<<	Extensive improvement in abilities may be required
Visual Color Discrimination	6.4	9.1	9.1	0	Current ability level may be sufficient
Reaction Time	4.8	8.6	7.0	<	Some improvement in abilities may be required
Depth Perception	5.3	8.5	7.3	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.1	3.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 67
<b>Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)</b> <b>Associated Occupation: Elevator Installers and Repairers (47-4021)</b>		
Work Activities	Exclusivity of Activity	
Diagnose mechanical problems in machinery or equipment	65	
Inspect machinery or equipment to determine adjustments or repairs needed	42	
Prepare reports	8	
Read blueprints	10	
Read schematics	34	
Read technical drawings	7	
Read work order, instructions, formulas, or processing charts	9	

Understand service or repair manuals	40
Understand technical operating, service or repair manuals	6

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 84

**Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

**Associated Occupation: Elevator Installers and Repairers (47-4021)**

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Industry specific software	1
Information exchange software	1
Integrated circuits	18
Personal communication devices	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.